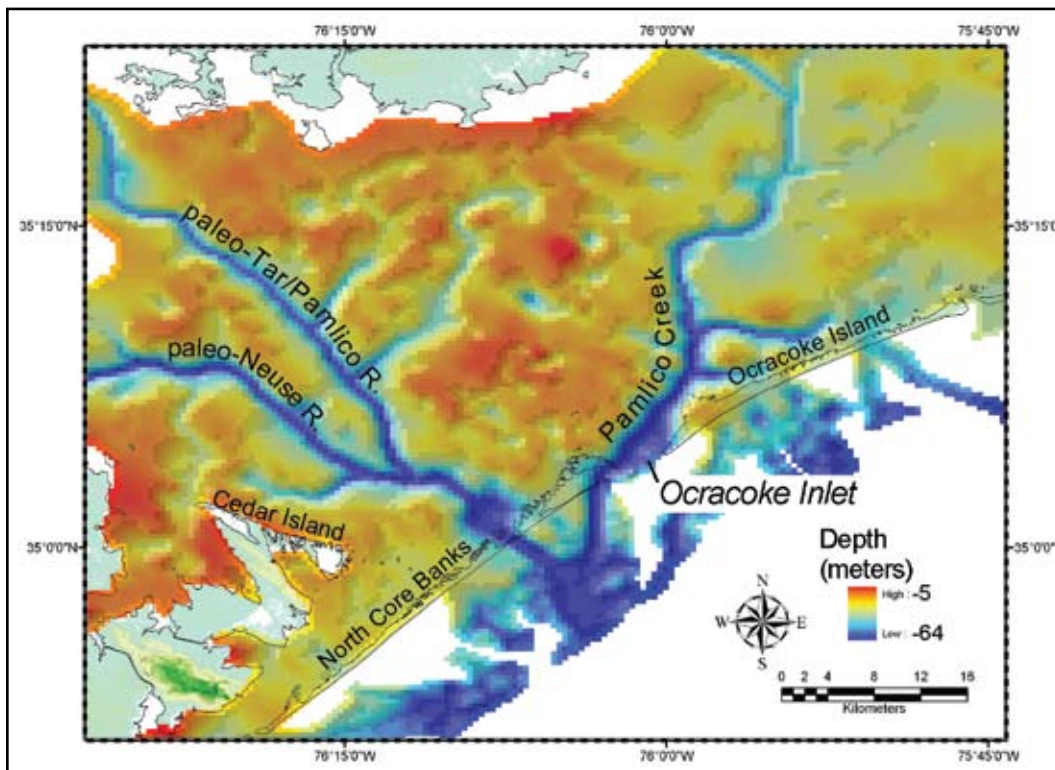


**Figure 12.** Figure showing the 1998 aerial photograph of Ocracoke Inlet (NC State Database).



**Figure 13.** A map showing the topography of southern Pamlico Sound and the Ocracoke Inlet area as it appeared during the last glacial maximum approximately 20,000 years ago when this area was dry land (based upon seismic data; Mallinson et al., in review). Ancient river channels (blue paleo-channels) were mapped beneath the modern southern Pamlico Sound and the inner continental shelf. Note that Ocracoke Inlet occurs where Pamlico Creek passes beneath the modern barrier island trend. The modern day coastline is included for the purpose of spatial orientation.